



**MAHATMA GANDHI UNIVERSITY**  
Priyadarshini Hills, Kottayam-686560

Tender No: MGU/RUSA/SPESS/2023-24/16-14

Dated: 22/08/2023

**NOTICE INVITING TENDER**

The Principal Investigator, RUSA Project, School of Physical Education and Sports Sciences, Mahatma Gandhi University, Kottayam, invites sealed tenders (technical and financial bid) in original including all taxes for the supply and installation of equipment from reputed dealers/firms.

1	Name of the Equipment	<u>Physio Lab Equipment's:-</u> a. Heating and Cooling Pads and Wraps b. Standing and sitting whirlpool c. Parafin waxbath d. Heat Therapy Strapper e. Heating belt – Kneee f. Massage Therapy Equipments g. Massage tables h. Massage chairs i. Electric Handheld deep tissue massagers j. Chiropractic devices for trigger point therapy k. Sensory brushes l. Massage balls m. Ultrasound therapy equipment n. Electrical Muscle Stimulation Equipment (EMS) o. Tens Equipment p. Stadiometer q. Weighing Scale r. Electronic Weighing Scale s. Peak Flow Meter
2	Earnest money deposit (EMD)	1% of the estimated value.
3	Tender submission fee	0.2% of the cost of the equipment rounded to the nearest multiple of 100, subject to a maximum of 25,000/- + GST as applicable.
4	Period of supply and Installation	Within 15 days from L/C opening date
5	Address	<b>The Principal Investigator RUSA 2.0</b> <b>School of Physical Education &amp; Sports Sciences</b> <b>P.D. Hills P.O, Kottayam 686560</b>
6	Date and time of bid opening	07/09/2023, 11:00 AM
7	Last date and Time of submission of tender with	15 Days, 05/09/2023, 05:00 PM

	relevant documents.	
--	---------------------	--

Duly filled up and signed tender schedule along with relevant documents should be sent to “**The Principal Investigator, RUSA Project, School of Physical Education and Sports Sciences, Mahatma Gandhi University, Kottayam, Kerala Pin-686560**” by speed post so as to reach before the date and time specified. The cover containing the document should be super scribed the **name of the scientific equipment, tender number and last date of submission** of the tender.

Relevant documents may also be sent to : E-mail: [drbinugeorgevarghese@gmail.com](mailto:drbinugeorgevarghese@gmail.com)

### **ELIGIBILITY CRITERIA**

1	Bidder should be a company registered in India or Registered Partnership /proprietary firms	Copy of valid registration certificate/Copy of Certificates of incorporation
2	Should not have been blacklisted by any of the Government entities under state / central government.	Self-Certificate
3	The bidder should have a registered number of (i) GST where his business is located ii) Income Tax / PAN number.	Copies of relevant certificates of registration

Further details can be had from the office of “**The Principal Investigator, RUSA Project, School of Physical Education and Sports Sciences, Mahatma Gandhi University, Kottayam, Kerala Pin-686560**”, E-mail: [drbinugeorgevarghese@gmail.com](mailto:drbinugeorgevarghese@gmail.com) on all working days during working hours.

If relevant documents through speed post are not submitted with in time, the tenders will not be considered. The undersigned reserves the right to reject any or all the tender without assigning any reason whatsoever.

**Principal Investigator**

**Please see the Annexures**

## ANNEXURE-1

### Technical Specification of the Instrument

#### 1.Heating and cooling pads

- Versatile use
- Can be heated up in microwave
- Up to 4 colours - depending on model
- Reusable
- Made of plastic / PVC material
- Also available: self activating heating pads
- More colour options for certain models
- Diverse customising options: size, intended use, form

#### 2.Heat therapy strapper

- Deep penetrative heat to relax joints and muscles
- Three adjustable heat levels - Low, Medium and High
- A proprietary infra-red heating element
- An unique strapping mechanism to wrap around intricate joints
- Can be wrapped around knees, elbows, thighs, wrists and neck
- Switch operated heat control
- Allows you to continue your work while soothing an aching joint
- Heat can be controlled as per convenience with a controller switch
- Non-invasive and non-chemical
- Operates using battery and does not require cord
- Portable and easy to carry

#### 3.Knee heating belt

- |                         |   |
|-------------------------|---|
| • Special Feature       | Adjustable Heat Settings, Skin Friendly |
| • Material              | Fur                                     |
| • Brand                 | Generic                                 |
| • Item Weight           | 400 Grams                               |
| • Item Dimensions LxWxH | 41 x 244 x 315 Millimeters              |
| • Voltage               | 220 Volts                               |

#### 4. Massage therapy table

- Adjustable backrest.
  - Round corners.
- |                  |                    |
|------------------|--------------------|
| • Frame Material | Mild Steel         |
| • Application    | Hospital           |
| • Foam Thickness | 5 cm               |
| • Foam Density   | 36g/m <sup>2</sup> |

- Net Weight 70 kg
- Adjustable Height 48 - 94 cm
- Backrest Length 95 cm
- No of Section 5

## **5.WHIRLPOOL**

### **Technical Data:**

- Width: 85 cm
- Height: 100 cm
- Length: 95 cm
- Entry width: 49,5 cm
- Entry height: 26 cm
- Seat width: 65 cm
- Inner Dimension height: 75 cm
- AC 220-240V, 50 / 60 Hz incl. FI safety switch on the plug
- Material of tub: glass fibre reinforced plastic, surface made of 3 mm sanitary acryl
- Carrier frame: massive stainless steel
- with adjustable feet (easy fitting at the ground)
- stainless steel fittings and extentable shower hose with hand shower
- 6 Massage Jets (at the sides)
- incl. Underwater LED lighting
- strong water Pump with 735 watt
- incl. overflow system and flexbile cold and warm water connections (without outflow, please use a standard overflow)
- Practical 100% waterproof access door (thanks to rubber seals and safety lock), either with left or right entry
- Incl. overflow system and 40 mm outflow hose
- removable side covering for an easy connection of the tub. You can mount the whirlpool on only one wall or in a corner

## **6.Paraffin Wax Bath**

Size	12 X 12 X 8 mm
Usage	Clinical
Power	1000 Watts
Capacity	6 Kgs
Inner Material	Stainless Steel
Outer Material	Ms Powder Coated
Voltage	220 V
Frequency	50 Hz

## **7.Massage balls**

- Diameter (cm): 6 - 8 - 9 - 10
- Hardness : soft medium hard

## **8.Ultra sound therapy equipment**

Dimension (L*H*D)	295mm x 110mm x 295mm
Weight	3 Kg Approx
Operating Voltage	220V AC, 50Hz
Absorption	70-Watts
Fuses	1 Amp
Room Temperature	10° to 40° C
Moisture	10% to 80%
Display	Digital Display
Max. Output In Cont. Mode	2w/cm <sup>2</sup>
Max. Output In Pulse Mode	3w/cm <sup>2</sup>
Function Frequency	1 Mhz
Available Output	One
Output Mode	Continuous/Pulse(1:1, 1:2, 1:4, 1:8, 1:12, 1:16)
Intensity	Maximum 3w/cm <sup>2</sup>
Treatment Time	01 ~ 99 Minutes Programmable
Crystal Safety	Available

### **9.Sensory brushes**

Power source: Battery powered

Operation mode:manual

### **10.electric handheld deep tissue massagers**

- Material: Rubber
- Power source:battery powered
- Lcd display
- Light weight

### **12. Tens Equipment**

Dimension (l*h*d)	250mm, 70mm, 230mm
Weight	2. 2 kg. Approx.
Operating voltage	220v 50hz
Frequency	2, 10, 50, 100 & 125 hz
Mode	burst-1, cont, burst-2, pWM, sweep & combi
Contraction	variable
Maximum output power	100v (peak to peak)
Room temperature	10°c to 40°c
Moisture	10% to 80%
Timer	01 ~ 99 minutes

### **13.Hot And Cold Therapy Equipment**

## **SPECIFICATION**

\* **Construction:** Double walled body, well insulated Water tanks of 16 gauge Stainless steel sheet are placed side by side in a heavy tubular steel frame covered with painted steel sheet. Tanks are covered with laminated wooden rim & covers.

\* **Water Tanks:** Two, Size: 50cm x 38cm x 40cm deep.

\* **Hot-Bath Tank:** Fitted with One, 2kw special heating element.

\* **Cold-Bath Tank:** Fitted with heavy duty cooling compressure unit

\* **Tempreture Control:** Each tank is provided with Digital Thermometer, Thermostat for Temperature Control, & Pilot lights.

\* **Mounting:** Mounted on 10cm dia. Four casters.

\* **Drainage:** Drainage system for emptying.

\* **Finish:** Externally Powder Coated finish.

\* **Power:** 220-240 V AC. Accessories: UNIT SUPPLIED WITH 4 Kv. VOLTAGE STABILISER.

## **12.Stadiometer**

- Made up off ABS Plastic Non Breakable
- Place for weighing scale
- Head put marker given with marking.

## **13.Electronic Weighing Scale**

ISO standard digital.

### **14.1.Peak Flow Meter**

- Can Measure how fast air comes out of your lungs.
- Reading signal can be identified by the time of operation.

## ANNEXURE-2

### Terms and Conditions

1. **Last date of submission of tender along with requisite fee, EMD and all documents is 05/09/2023 at 5 pm**
2. **The technical bid will be opened on 07/09/2023 at 11 am.**
3. Tenders **must accompany a copy of the “Annexure II and Annexure III”** section of this document, signed and stamped on each page indicating that they agree to these.
4. The **non-refundable application fee of 0.2% of cost with the chalan of 5% of it as GST** must be accompanied with **The Principal Investigator, RUSA Project, School of Physical Education and Sports Sciences, Mahatma Gandhi University, Kottayam.**
5. The DD/Cheque for EMD or any other must be drawn in of favour of **The Principal Investigator, RUSA Project, School of Physical Education and Sports Sciences, Mahatma Gandhi University, Kottayam,** payable at SBI Mahatma Gandhi University Campus Branch.
6. Instrument should have a warrantee of at least three year and should have at least one Service engineer and one application scientist based in India with onsite training facility on the same quoted equipment. Training should include operation, handling and maintenance of system.
7. A good record in supply and service to other research institutes will be considered as a Positive point for a particular company. User list of similar equipment supplied recently in India should be provided.
8. Laboratory floor space, electrical power requirements, earthing, room temperature/ humidity requirements etc. should be mentioned appropriately.
9. All necessary accessories should be supplied with the instrument, as per standard package offered, including complete set of service and operation manuals for diagnosis, trouble shooting, maintenance and electronic circuitry (hard and soft copies).
10. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid. The charges for extended warranty and/or Annual Maintenance Contract after the expiry of offered warranty period should also be specified in the financial bid.
11. The price of the equipment should be quoted in Indian rupee. The total price of the equipment quoted should be inclusive of GST & other taxes if any; material cost; transportation cost; loading and unloading cost; installation cost; labour charges and allother expenses in whatsoever means.
12. Payment process will be initiated only after supply of items as per tender specifications and satisfactory installation of the items.
13. It will be the responsibility of the supplier to deliver the ordered materials at **The Principal Investigator, RUSA Project, School of Physical Education and Sports Sciences, Mahatma Gandhi University, Kottayam.** All required materials for satisfactory installation are to be provided by the supplier at their own cost.

**ANNEXURE 3:**

**TENDER FORM PART-I (TECHNICAL BID)**

Date:

From,

M/s. ....

.....

To,

**The Principal Investigator,**

**RUSA Project,**

**School of Physical Education and Sports Sciences,**

**Mahatma Gandhi University, Kottayam, Pin-686560, Kerala, India.**

Dear Sir,

I/We have gone through the tendering conditions pertaining to the Tender and General Terms and Conditions of Contract and other requirement for delivery and complete Installation and Special Conditions of Contract contained herein with this tender document. I/we hereby agree to supply the stores conforming to the tender specifications incorporated in ANNEXURE 1 of the tender document and also agree to abide by your General Conditions of all Contra acts and Special Conditions of Contract contained in the ANNEXURE 2 of the Tender document.

You will be at liberty to accept any or more of the items of stores offered by us and I/we shall be bound to supply you the stores as may be specified in the Purchase Order/Contract.

I/We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of opening of Part-II (Financial bid) of the tender. Deviations to Technical specifications contained in ANNEXURE 1 of the tender documents are detailed in ANNEXURE-A to the tender form while deviations proposed to the General Special Conditions of Contract contained in ANNEXURE 2 are detailed in Annexure-B to this tender. Price applicable for the stores are indicated separately in a sealed envelope marked as financial bid of the tender.

I/We are also enclosing herewith all the leaflets catalogue etc. pertaining to the stores offered.

Yours faithfully

Stamp and Signature of the Tenderer



**ANNEXURE 4:**

**TENDER FORM PART-II (FINANCIAL BID)**

Date:

From,

M/s. ....

.....

To,

**The Principal Investigator,  
RUSA Project,  
School of Physical Education and Sports Sciences,  
Mahatma Gandhi University, Kottayam, Pin-686560, Kerala, India.**

Dear Sir,

In response to your invitation and as per your tendering and contracting conditions, the prices applicable for the scope of supply contained in ANNEXURE-3 (TECHNICAL BID) of our tender are indicated in the format at annexure “A” to this tender.

We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of actual opening of Part-II (FINANCIAL BID) of the tender.

Yours faithfully,

Stamp and Signature of the Tenderer